

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("4830647" OR "4488686" OR "3477653").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 09:29
S2	136	(242/166).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 14:23
S3	354	(242/472.8).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 15:26
S4	151	(242/174).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 08:41
S5	50414	steel adj (cord or filament or wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:53
S6	3003	S5 and (package or spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:58
S7	510	S6 and wind	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:54
S8	12	S6 and (S adj twist) and (z adj twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:55

## EAST Search History

S9	1842	S5 and (spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 12:01
S10	790	S9 and winding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:59
S11	310	S5 with (spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 13:21
S12	4	("4936358").PN. OR ("5425509"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 13:19
S13	1	S11 and ((s or z) adj twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 13:24
S14	0	S11 and (alternate near twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 13:24
S15	98	(242/167).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 14:23
S16	330	(242/FOR.110).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 11:08
S17	184	(57/204).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 10:38

## EAST Search History

S18	234	(57/236).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 10:50
S19	451	(57/293).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 11:27
S20	307	(57/314).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 11:10
S21	2	"6193185".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 14:48
S22	10	("2194248"   "2984425"   "4390138"   "4637564"   "6047916").PN. OR ("6193185"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 14:48
S23	8	("4830647" OR "4488686" OR "3477653").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S24	137	(242/166).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S25	354	(242/472.8).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48

## EAST Search History

S26	152	(242/174).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S27	51765	steel adj (cord or filament or wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S28	3134	S27 and (package or spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S29	530	S28 and wind	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S30	13	S28 and (S adj twist) and (z adj twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S31	1910	S27 and (spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S32	815	S31 and winding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S33	317	S27 with (spool or bobbin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S34	4	("4936358").PN. OR ("5425509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:48

## EAST Search History

S35	1	S33 and ((s or z) adj twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S36	0	S33 and (alternate near twist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S37	98	(242/167).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S38	330	(242/FOR.110).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S39	185	(57/204).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S40	239	(57/236).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S41	309	(57/314).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48
S42	453	(57/293).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/03 08:48

## EAST Search History

S43	2	"6193185".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:48
S44	10	("2194248"   "2984425"   "4390138"   "4637564"   "6047916").PN. OR ("6193185"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:48
S45	212	(242/176).ccds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 08:43
S46	179	(242/178).ccds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:59
S47	237505	steel and (drum or core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:00
S48	114168	steel same (drum or core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:00
S49	29604	S48 and wind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:00
S50	66787	steel with (drum or core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:00

## EAST Search History

S51	16570	S50 and wind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:07
S52	11311	S51 and (parallel or adjacent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:07
S53	5038	(steel with (parallel or adjacent)) same (drum or core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:08
S54	1667	S53 and wind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:09
S55	784	S54 and (strand or cord or wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:10
S56	3	("4609024"   "5765355"   "5802829").PN. OR ("6182433"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 10:20
S57	330	(242/FOR.110).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 11:40
S58	25	S57 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 11:08

# Interference

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	209	(steel and (wound or wind\$3) and (parallel or adjacent) and (drum or core)).clm.	US-PGPUB	OR	ON	2006/10/20 11:45
L2	770	(steel and (wound or wind\$3) and (parallel or adjacent)).clm.	US-PGPUB	OR	ON	2006/10/20 11:42
L3	66	(steel and (wound or wind\$3) and (parallel or adjacent) and alternate).clm.	US-PGPUB	OR	ON	2006/10/20 11:40
L4	66	(steel and (wound or wind\$3) and (parallel or adjacent) and alternate).clm.	US-PGPUB	OR	ON	2006/10/20 11:42
L5	263	(steel and (wound or wind\$3) and (parallel or adjacent) and (drum or core or spool)).clm.	US-PGPUB	OR	ON	2006/10/20 11:45
L6	54	5 not 1	US-PGPUB	OR	ON	2006/10/20 11:46